

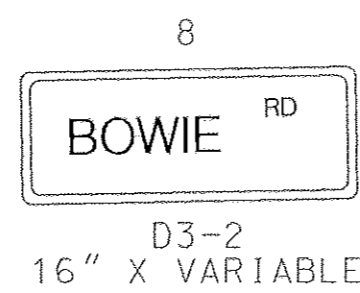
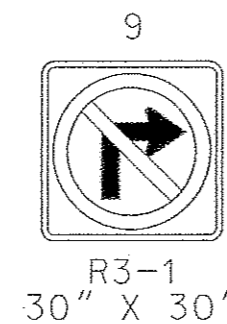
EXISTING SIGNAL HEADS

1,2,3,4
R
Y
G
12"

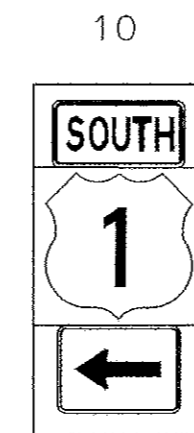


OPTICAL
PRE-EMPTION
DETECTOR EYE

EXISTING SIGNS

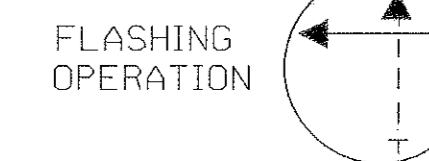
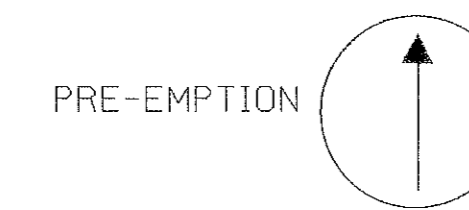
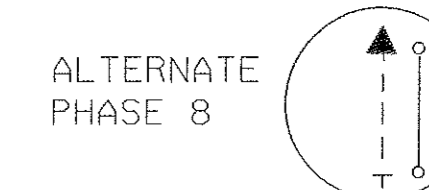
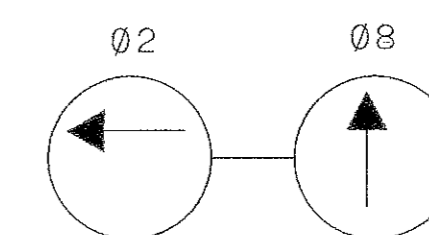


PROPOSED SIGNS

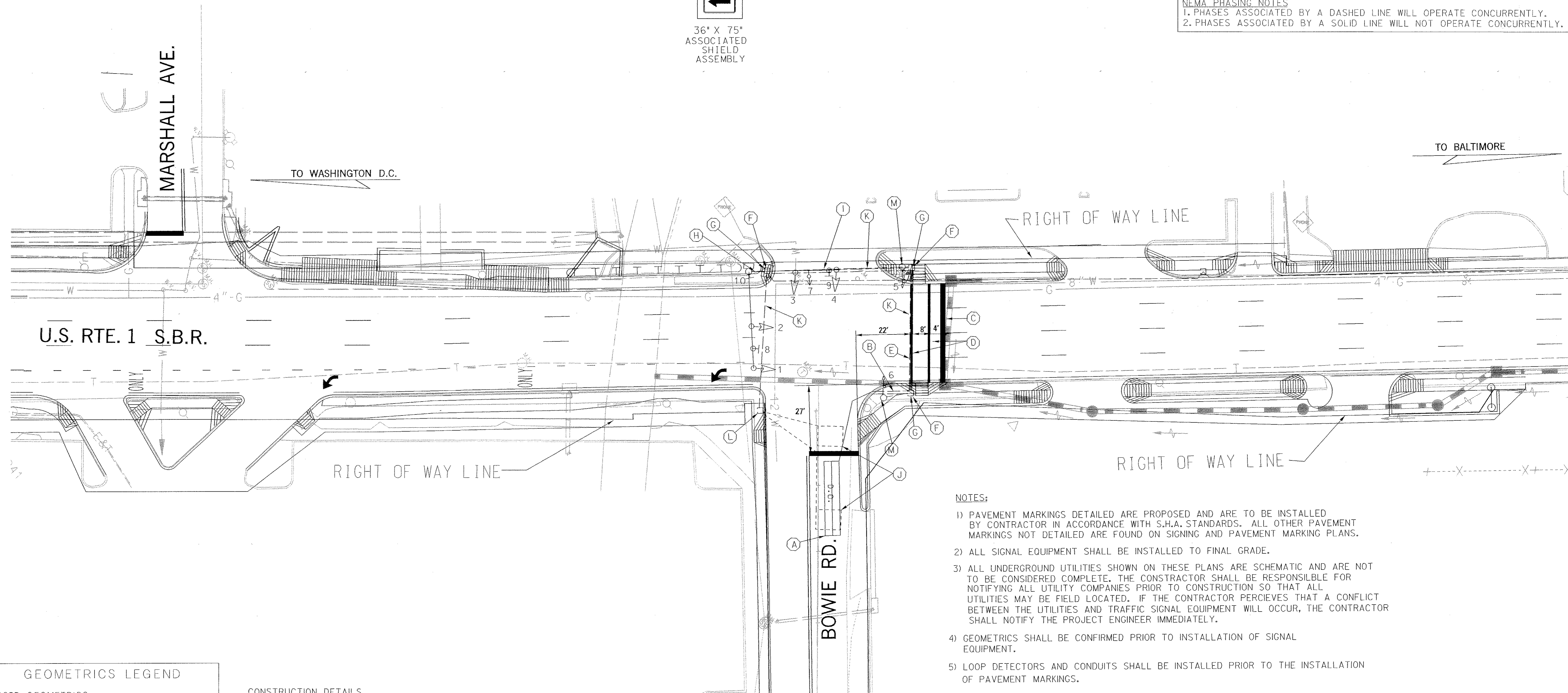


36" X 75"
ASSOCIATED
SHIELD
ASSEMBLY

NEMA PHASING



NEMA PHASING NOTES
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



NOTES:

- 1) PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS. ALL OTHER PAVEMENT MARKINGS NOT DETAILED ARE FOUND ON SIGNING AND PAVEMENT MARKING PLANS.
- 2) ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
- 3) ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE FIELD LOCATED. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY.
- 4) GEOMETRICS SHALL BE CONFIRMED PRIOR TO INSTALLATION OF SIGNAL EQUIPMENT.
- 5) LOOP DETECTORS AND CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
- 6) CONTRACTOR SHALL REMOVE UNUSED CABLE FROM CONDUIT.

GEOMETRICS LEGEND

PROPOSED GEOMETRICS ———
EXISTING GEOMETRICS - - - - -

LEGEND OF UTILITIES

WATER	— W —
GAS	— G —
UNDERGROUND TELEPHONE	— T —
SANITARY SEWER	— S —
UNDERGROUND ELECTRIC	— E —
AERIAL	— A —
STORM DRAIN	— SD —
SEWAGE FORCE MAIN	— FM —
CABLE TV	— TV —

CONSTRUCTION DETAILS

- INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE (3-6-3) LOOP DETECTOR ENCASED IN 1/4" INCH FLEXIBLE TUBING.
- INSTALL 1" LIQUID TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- INSTALL 24" WHITE PREFORMED PAVEMENT MARKING TAPE (STOP BAR).
- INSTALL 12" WHITE PREFORMED PAVEMENT MARKING TAPE (CROSSWALK).
- INSTALL 3" SCHEDULE 80 ELECTRICAL CONDUIT (SLOTTED).
- RESET HANDBOX.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- INSTALL 3" SCHEDULE 80 ELECTRICAL CONDUIT (SLOTTED).
- ABANDON EXISTING DETECTOR.
- ABANDON EXISTING CONDUIT.
- REMOVE EXISTING HANDHOLE.
- REWIRE PEDESTRIAN SIGNAL AND PUSH BUTTON.



KCI
TECHNOLOGIES INC.
ENGINEERS AND PLANNERS
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HUNT VALLEY, MARYLAND
21030-1888
(410) 316-7800

REVISIONS		APPROVALS	
①	NEW GEOMETRICS AND PAVEMENT MARKINGS PG 2743/384		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
②	REPLACE INTERCONNECT DUE TO NEW DRAINAGE 12/93		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
③	INSTALL PED SIGNALS 3/93		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
④	INSTALL OPTICOM PRE-EMPTION WB BOWIE RD 3/93		DIRECTOR, TRAFFIC & SAFETY



MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
US 1 OAK STREET TO TALBOTT AVENUE (MD 198)
SOUTHBOUND US 1 @ BOWIE ROAD

DRAWN BY:	F.A.P. NO.	SEE TITLE SH	TS NO.
CHECKED BY:	S.H.A. NO.	P-586-501-385	1632F
SCALE: 1" = 20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO.
DATE: 7-26-92	LOG MILE:	11600013.50	12.3 OF 162